

ABSTRACT OF THE DISCLOSURE

It is one object of a grinding machine and a grinding fluid supply-nozzle therefor according to the present invention to supply grinding fluid to a moving grinding point reliably, even if the surfaces of a grinding wheel is abraded up.

5 A wheel head 5 advances/retracts to a workpiece. A grinding wheel G is carried rotatably by the wheel head 5 and grinds an eccentric portion W of the workpiece. A grinding fluid supply-nozzle 50 supplies grinding fluid to a moving grinding point K where the grinding wheel G contacts the eccentric portion W of the workpiece. The grinding fluid supply-nozzle 50 is made from a curve portion 53, an
10 opening 51 and a straight portion 52 between the curve portion 53 and the opening 51. The grinding fluid supply-nozzle 50 spouts the grinding fluid to a grinding fluid supply point Pc upstream the grinding points K and Ks, even in the case that the grinding wheel G has been abraded up. Besides, the angle between the tangent of the grinding fluid supply point Pc and the grinding fluid spouted from the grinding
15 fluid supply-nozzle 50 is smaller than a right angle.